Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052523\
Data File : VW026051.D
Acq On : 25 May 2023 19:26
Operator : SY/MD
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025499

Quant Time: May 26 00:37:08 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
Quant Title : SFAM01.0
QLast Update : Fri May 26 00:33:05 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	708302	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	644494	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	323721	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	164717	16.411	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 65.640%			
7) Chloroethane-d5	2.893	69	156820	21.074	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 84.280%			
11) 1,1-Dichloroethene-d2	4.021	65	86832	17.277	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 69.120%			
21) 2-Butanone-d5	7.075	46	200389	60.392	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 120.780%			
24) Chloroform-d	7.648	84	496387	24.304	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 97.200%			
26) 1,2-Dichloroethane-d4	8.307	65	283496	24.547	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.200%			
32) Benzene-d6	8.276	84	899939	21.370	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 85.480%			
36) 1,2-Dichloropropane-d6	9.270	67	311936	23.151	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 92.600%			
41) Toluene-d8	10.319	98	772912	20.582	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 82.320%			
43) trans-1,3-Dichloroprop...	10.575	79	120614	22.083	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 88.320%			
47) 2-Hexanone-d5	10.922	63	143883	62.623	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 125.240%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	283359	27.592	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 110.360%			
66) 1,2-Dichlorobenzene-d4	13.848	152	271809	23.033	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 92.120%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.021	85	168462	21.289	ug/L #	81
3) Chloromethane	2.222	50	252892	21.675	ug/L	99
5) Vinyl chloride	2.375	62	275367	22.801	ug/L	99
6) Bromomethane	2.783	94	162337	24.715	ug/L	99
8) Chloroethane	2.930	64	177406	25.835	ug/L	96
9) Trichlorofluoromethane	3.265	101	167996	18.433	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	234353	23.643	ug/L	98
12) 1,1-Dichloroethene	4.045	96	220321	23.258	ug/L	94
13) Acetone	4.118	43	124105	42.181	ug/L	97
14) Carbon disulfide	4.387	76	630783	19.690	ug/L	99
15) Methyl Acetate	4.667	43	158166	27.279	ug/L	99
16) Methylene chloride	4.917	84	288194	19.729	ug/L	92
17) trans-1,2-Dichloroethene	5.429	96	249051	24.100	ug/L	97
18) Methyl tert-butyl Ether	5.423	73	527864	33.655	ug/L	99
19) 1,1-Dichloroethane	6.216	63	562986	26.516	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	298614	26.934	ug/L	98
22) 2-Butanone	7.167	43	207501	51.075	ug/L	98
23) Bromochloromethane	7.508	128	122927	26.172	ug/L	97
25) Chloroform	7.679	83	540710	27.708	ug/L	99

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Quant Title : SFAM01.0
QLast Update : Fri May 26 00:33:05 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	387350	27.950	ug/L	98
29) Cyclohexane	7.959	56	443884	22.225	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	412776	26.188	ug/L	99
31) Carbon tetrachloride	8.069	117	347802	24.520	ug/L	99
33) Benzene	8.325	78	1125283	25.237	ug/L	100
34) Trichloroethene	9.093	95	283271	24.757	ug/L	99
35) Methylcyclohexane	9.331	83	452117	22.217	ug/L	99
37) 1,2-Dichloropropane	9.368	63	325084	26.610	ug/L	100
38) Bromodichloromethane	9.642	83	386990	27.612	ug/L	97
39) cis-1,3-Dichloropropene	10.069	75	478898	26.731	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	472396	59.408	ug/L	99
42) Toluene	10.386	91	1176881	25.831	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	404291	27.235	ug/L	100
45) 1,1,2-Trichloroethane	10.782	97	226119	27.670	ug/L	100
46) Tetrachloroethene	10.861	164	192072	23.861	ug/L	91
48) 2-Hexanone	10.965	43	332492	58.368	ug/L	98
49) Dibromochloromethane	11.123	129	235755	27.866	ug/L	88
50) 1,2-Dibromoethane	11.233	107	207508	27.545	ug/L	96
51) Chlorobenzene	11.654	112	754834	26.744	ug/L	97
52) Ethylbenzene	11.727	91	1366935	26.672	ug/L	99
53) m,p-Xylene	11.837	106	494320	26.207	ug/L	99
54) o-Xylene	12.160	106	482422	27.135	ug/L	99
55) Styrene	12.178	104	851189	27.972	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.714	83	287692	28.214	ug/L	98
59) Bromoform	12.343	173	131713	27.469	ug/L	97
60) Isopropylbenzene	12.458	105	1316532	26.755	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	213122	27.857	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	1090756	27.987	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	1001501	27.846	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	547608	25.852	ug/L	93
65) 1,4-Dichlorobenzene	13.574	146	568415	26.560	ug/L	94
67) 1,2-Dichlorobenzene	13.867	146	500564	26.497	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.482	75	49890	28.122	ug/L	92
69) 1,3,5-Trichlorobenzene	14.623	180	361989	25.744	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	303996	25.806	ug/L	97
71) Naphthalene	15.360	128	661384	29.747	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	267318	25.575	ug/L	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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